

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Yukio Koyanagi

Application No.: Not Yet Assigned

Confirmation No.:

Filed: Concurrently Herewith

Art Unit: N/A

For: DATA INTERPOLATING DEVICE AND
METHOD, SAMPLING FUNCTION
GENERATING DEVICE, DATA
INTERPOLATING PROGRAM, AND
RECORDED MEDIUM

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 2, 2003

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language references is enclosed.

A copy of only those references listed below is attached:

For. Doc No.	Ctry	Patentee/Applicant	Publication Date
06-283968	JP	Toyoda Takashi	October 7, 1994
2000-148061	JP	Koyanagi Yukio	May 26, 2000
2000-350016	JP	Ota Akihiro et al.	December 15, 2000
2000-010960	JP	Koyanagi Yukio et al.	January 14, 2000
2001-136073	JP	Koyanagi Yukio	May 18, 2001
02-92109	JP	Ronald W. Potter	March 30, 1990
0 355 293	EP	Ronald W. Potter	August 6, 1997

A concise explanation of relevance of the items listed on form PTO/SB/08 is given for only non-English language listed items. The non-English items were cited during the International Stage of the parent International Application.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0185, under Order No. 22040-00022-US. A duplicate copy of this paper is enclosed.

Respectfully submitted,

By 
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Yukio Koyanagi
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	22040-00022-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	US-5572210		11-05-1996	Takashi Toyoda	
AB	US-5473555		12-05-1995	Ronald W. Potter	
AC	US-5235534		08-10-1993	Ronald W. Potter	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
BA	JP-06-283968		10-07-1994	Toyoda Takashi	
BB	JP-2000-148061		05-26-2000	Koyanagi Yukio	
BC	JP-2000-350016		12-15-2000	Ota Akihiro et al.	
BD	JP-2000-010960		01-14-2000	Koyanagi Yukio et al.	
BE	JP-2001-136073		05-18-2001	Koyanagi Yukio	
BF	JP-02-92109		03-30-1990	Ronald W. Potter	
BG	EP-0 355 293-B1		08-06-1997	Ronald W. Potter	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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